

| FORM PTO 1449 US Department of Commerce Patent and Trademark Office | | | | Application Number | | 09/939,303 | | |
|--|---------------|--|-----------|------------------------|-----------|-------------------------|---|---|
| | | | | Filing Date | | August 24, 2001 | | |
| | | | | First Named Inventor | | William B. Dress et al. | | |
| | | | | Group Art Unit | | 2877 | | |
| | | | | Examiner Name | | Unknown | | |
| Sheet | 1 | of | 1 | Attorney Docket Number | | UBAT1320 | | |
| U.S. PATENT DOCUMENTS | | | | | | | | |
| Examiner Initials | Cite No. | Document Number | | | | Publication Date | Name of Patentee or Applicant of Cited Document | |
| | | Number | Kind Code | Class | Sub-class | | | |
| SAI | A1 | 5796477 | -- | G01N | 21/63 | 08/18/98 | Teich et al. | |
| | A2 | | | | | | | |
| | A3 | | | | | | | |
| | A4 | | | | | | | |
| | A5 | | | | | | | |
| | A6 | | | | | | | |
| FOREIGN PATENT DOCUMENT | | | | | | | | |
| Examiner Initials | Cite No. | Country Code | Number | Kind Code | Class | Sub-class | Publication Date | Name of Patentee or Applicant of Cited Document |
| | B1 | | | | | | | |
| | B2 | | | | | | | |
| | B3 | | | | | | | |
| | B4 | | | | | | | |
| | B5 | | | | | | | |
| OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS | | | | | | | | |
| Examiner Initials | Cite No. | Include name of the author, title, source, volume, and page(s). | | | | | Date | |
| SAI | C4 | International Search Report for PCT/US02/26832 | | | | | Mailed 03/21/03 | |
| SAI | C5 | International Search Report for PCT/US02/26836 | | | | | Mailed 03/21/03 | |
| SAI | C6 | Rarity, et al. "Two-color photons and nonlocality in fourth-order interference", Vol. 41, No. 9, pages 5139-5146. | | | | | 05/01/90 | |
| SAI | C7 | Larchuck, et al. "Interfering entangled photons of different colors", Physical Review Letters, Vol. 70, No. 11, pages 1603-1606. | | | | | 03/15/93 | |
| SAI | C8 | Shimizu, et al. "Quantum communication with a 2-bit message coding for each transmitted photon", Technical Digest, pages 79-80. | | | | | 07/16/97 | |
| SAI | C9 | Yoon-Ho, et al. "Bell-stated preparation using pulsed nondegenerate two-photon entanglement", Physical review, Vol. 63, No. 6, pages 060301/1-4. | | | | | June 2001 | |
| Examiner Signature | | SAI T. Turner | | | | Date Considered | 6-13-03 | |